

ABSTRACT OF THE DISCLOSURE

Memory modules having accurate operating current values stored thereon and methods for fabricating and implementing such devices to improve system performance.

Memory modules comprising a number of volatile memory devices may be fabricated.

5 Operating current values for specific memory devices on the memory module or a specific lot in which the memory devices are fabricated may be stored on a non-volatile memory device on the memory module. A system may be configured in accordance with the operating current values stored on the non-volatile memory device such that operating current thresholds are not exceeded.